C5 Command: Write User Data to Protection Log

The C5 command writes user data on SIBA/PLOG.

This chapter covers the following topics:

- Function and Use

- Command: C5

- Control Block

- Record Buffer

- Example

Function and Use

The C5 command is used to write user data to the Adabas data protection log. These data may be read and displayed by using the ADASEL utility.

The data that are written have no effect on Adabas recovery processing. The ADASAV and ADARES utilities ignore all data written to the data protection log as a result of a C5 command.

Command: C5

User Control Block

Field	Position	Format	Before Adabas Call	After Adabas Call
	1-2	--	--	--
COMMAND CODE	3-4	alphanumeric	F	U
	5-10	--	--	--
RESPONSE CODE	11-12	binary	--	A
	13-26	--	--	--
RECORD BUFFER LENGTH	27-28	binary	F	U
	29-72	--	--	--
COMMAND TIME	73-76	binary	--	A
USER AREA	77-80	--	--	U

User Buffer Areas

Buffer	Before Adabas Call	After Adabas Call
FORMAT BUFFER	*	
RECORD BUFFER	F	U

where:

F	Filled in by user before Adabas Call
A	Filled in by Adabas
U	Unchanged after Adabas call
*	Not used but must be included in parameter list of call statement
--	Not used

Control Block

Command Code

C5

Response Code

Adabas returns the response code for the command in this field. Response code 0 indicates that the command was executed successfully. If the C5 command returns a non-zero response code, the rightmost two bytes of the Adabas control block, bytes 45-48 (additions 2 field) may contain a subcode defining the exact response code meaning. Response codes and their subcodes are defined in the *Adabas Messages and Codes* documentation.

Record Buffer Length

The number of bytes specified in this field will be written to the Adabas data protection log.

The maximum length which may be specified is 2000 bytes.

Record Buffer

The information to be written to the data protection log is provided in this buffer.

The information written may be selected subsequently using the ADASEL utility by specifying the beginning characters (1 to 30 characters) as originally contained in the record buffer. It is, therefore, recommended that the user provide a unique identification of his data in the beginning positions of the record buffer. This will ensure that the user data can be properly identified and selected.

Example

The information "ULRR0422 UPDATES FOR JANUARY" is to be written to the Adabas data protection log.

Control Block

Command Code	C5
Record Buffer Length	28

Buffer Areas

Record Buffer	ULRR0422 UPDATES FOR JANUARY